

<b>INFORMATION DISCLOSURE CITATION</b>  PTO-1449				ATTORNEY'S DKT NO. 027545-840		APPLICATION NO. 08/999,604	
				APPLICANT Paul W. DENT			
				FILING DATE December 26, 1996		GROUP 2731	

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PATENT & TRADEMARK OFFICE

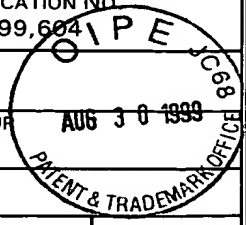
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<div style="font-size: 2em; position: absolute; left: 0; top: 0; transform: rotate(-90deg);">             4 1 3 4 0 7 1  4 4 7 0 1 3 8  4 6 4 4 5 6 0  4 6 9 7 2 6 0  4 8 3 9 8 4 4  4 9 0 1 3 0 7  4 9 3 0 1 4 0  4 9 6 1 0 7 3  4 9 8 4 2 4 7  5 0 2 2 0 4 9  5 0 4 8 0 5 9  5 0 5 6 1 0 9  5 0 9 1 9 4 2  5 1 0 1 5 0 1  5 1 0 3 4 5 9  5 1 0 9 3 9 0  5 1 2 7 0 2 1  5 1 5 1 9 1 9  5 1 6 4 9 5 8  5 1 7 9 5 7 1           </div>	4,134,071	01/1979	Ohnsorge	1	1	
	4,470,138	09/1984	Gutleber	1	1	
	4,644,560	02/1987	Torre <i>et al.</i>	1	1	
	4,697,260	09/1987	Grael <i>et al.</i>	1	1	
	4,839,844	06/1989	Watari	1	1	
	4,901,307	02/1990	Gilhausen <i>et al.</i>	1	1	
	4,930,140	05/1990	Cripps <i>et al.</i>	1	1	
	4,961,073	10/1990	Drapac <i>et al.</i>	1	1	
	4,984,247	01/1991	Kaufmann <i>et al.</i>	1	1	
	5,022,049	06/1991	Abrahamson <i>et al.</i>	1	1	
	5,048,059	09/1991	Dent	1	1	
	5,056,109	10/1991	Gilhausen <i>et al.</i>	1	1	
	5,091,942	02/1992	Dent	1	1	
	5,101,501	03/1992	Gilhausen <i>et al.</i>	1	1	
	5,103,459	04/1992	Gilhausen <i>et al.</i>	1	1	
	5,109,390	04/1992	Gilhausen <i>et al.</i>	1	1	
	5,127,021	06/1992	Schreiber	1	1	
	5,151,919	09/1992	Dent	1	1	
5,164,958	11/1992	Omura	1	1		
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER <div style="font-size: 1.5em; font-family: cursive;">W. L. Lee</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">11/22/99</div>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b>  PTO-1449				ATTORNEY'S DKT NO. 027545-840		APPLICATION NO. 08/999,604	
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
✓	R.Kohno <i>et al.</i> "Adaptive Cancellation of Interference in Direct-Sequence Spread-Spectrum Multiple Access Systems," Proceedings IEEE Global Telecommunications Conference, vol. 1, pp. 630-634 (Nov. 15, 1987).						
	T.Masamura, "Spread Spectrum Multiple Access System with Intrasytem Interference Cancellation," Trans. of the Institute of Electronics and Communication Engineers of Japan, Section E71, No. 3, pp. 224-231 (March 1, 1988).						
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	Tzannes, N.S., <i>Communication and Radar Systems</i> , New Jersey; Prentice-Hall, Inc. 1985, pp. 227-239.						
	Stremmer, F.G., <i>Introduction to Communication Systems</i> , Massachusetts Addison-Wesley Publishing Co., 1982, pp. 406-418.						
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	"Fading Channel Communications," P. Montes, IEEE Communications Magazine, Jan. 1980, pp. 16-25.						
	Proakis, JG, <i>Digital Communications</i> , New York: McGraw-Hill 1989, pp. 728-739.						
	"Origins of Spread-Spectrum Communications," Scholtz, IEEE Transactions on Communications, vol. COM-30, No. 5, May 1982, pp. 18-21.						
✓	"A Class of Low-Rate Nonlinear Binary Codes," A. Kerdock, Information and Control, vol. 20, pp. 182-187 (1972).						
✓	MacWilliams, F., <i>The Theory of Error-Correcting Codes, Part I and II</i> , New York: North-Holland, 1988, pp. 93-124, 451-465.						
EXAMINER W. H. Lee				DATE CONSIDERED 11/22/99			

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## PTO-1449

APPLICATION NO  
08/999,604

**FILING DATE**  
December 26, 1996

GROUP  
2731

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

00	"Natural Dyadic, and Sequency Order Algorithms and Processors for the Walsh-Hadamard Transforms," Y. Geadah, IEEE Trans. on Computers, vol. V-26, No. 5, May 1977.
↓	"Very Low Rate Convolutional Codes for Maximum Theoretical Performance of Spread-Spectrum Multiple-Access Channels," A. Viterbi, IEEE Journal on Selected Areas in Communications, vol. 8, No. 4, May 1990.
8	"On the Capacity of a Cellular CDMA System," K. Gilhousen, IEEE Trans. on Vehicular Technology, vol. 40, No. 2, May 1991.

Will-let

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